Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

SBRW>155/15-16

No. ***First & Final*** (For Other Works) Date...../...../2015 31/12/2015

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Byatarayanapura**

Bill Received No. 302 Dated 31/12/15 Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Work Code:**006-15-000020**

Schedule Docket No. Head of Account: P-1802 Est.Cost: **30.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate): **Maintenance of Water Supply Existing Pump and Motor, Repairs of Pipe Lines, Providing additional new Pumps Motors, Gatewalls and Other Accoriseries in Thanisandra Surrounding area in Ward No. 06, Byatarayanaprua Sub Division.**

Name of Contractor and Full Address : *Sri H.V Nagaraj, (M/s Kranthi Electricals), Contractor, Thirumala Comples DVG Road, Bagepalli-561207.*

Reference to Agreement No. : **EE/BTP/BBMP/E-PMT/369/2014-15** Date: **24.03.2015**

Certified that the measurements were taken by me on 31-12-15 and recorded of Pages 261045 to 261061 of measurement Book No. 2611 and that the work is satisfactorily executed.

H.V.N. Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 31/12/15 .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Engineer
Byatarayanapura Sub Divisi
B.B.M.P. Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	1st & Final BM 3133890=00
2) Deduct amount to be held in reserve being .....percent Rs.....	IT 62678=00
3) " Balance	VAT 125356=00
4) Deduct Payment:	TSD 203703=00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....Amount adjusted towards cash advance recovery of	Cess 31339=00
b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	CBF 31334=00
5) Balance being unpaid value of work done held in reserve.	
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	total 426210=00
7) Net amount due to or from Contractor unadjustments items.	By Cheque 2707,680=00
8) Advance to Contractor for materials brought to site (as detailed) within.	
9) Value of Government materials supplied.	
Total amount adjusted -	

H.V.N. Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

3133890=00
426210=00
2707,680=00

Initials of Officer making payment

Executive Engineer

16/6/16

Sl. No.	Descriptions	Unit
1	Lifting of Submersible pump set as per Soecification and direction etc., complete and as per the directions of the Engineer-in-charge of the work	No.
2	Transportation of pumping machineries etc., complete and as per the directions of the Engineer-in-charge of the work	No.
3	Labour charges (over hauling) etc., complete and as per the directions of the Engineer-in-charge of the work	No.
4	**A) Repairs to Motor:** Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. etc., complete and as per the directions of the Engineer-in-charge of the work 12.50 HP	No.
5	15.00 HP	N.
6	Starter (with one year Guarantee) **P No. 55 / I No. 10.3.3 PRED SR (2012-13)**	No.
7	Rotor (with one year Guarantee) **P No. 55 / I No. 10.3.6) PRED SR (2012-13)**	No.
8	Pump Bowls **P No. 44 / I No. 10.2.1) APRED SR (2010-11)**	No.
9	Intermediate Piece (I.P) With IP Leaded Bronxe bush **P No. 44 / I No. 10.2.2) APRED SR (2010-11)**	No.
10	Upper Flange **P. No. 56 / I No. 10.3.7 PRED SR (2012-13)**	No.
11	Lower Housing **P. No. 56 / I No. 10.3.10 PRED SR (2012-13)**	No.
12	Carbon Housing **P. No. 56 / I No.10.3.12 PRED SR (2012-13)**	No.
13	Thrust bearing block assembly complete with Segment bearing pad.**P. No. 55 / I No.10.3.13 PRED SR (2012-13)**	No.
14	**C) Replacement of pump parts:** The following main components of submersible pump sets requiring replacement. Oil Seal P. No. 54 / I No.10.2.3 PRED SR (2012-13)	
15	Oil Seal Steel Bush **P. No. 54 / I No. 10.2.4 PRED SR (2012-13)**	No.
16	Guide vane **P. No. 54 / I No. 10.2.5 PRED SR (2012-13)**	No.
17	Impeller Shell moulded with aluminium Bronze) **P. No. 54 / I No. 10.2.6 PRED SR (2012-13)**	No.
18	Discharge outlet (D.O) Bearing D.O Steel Bush **P. No. 55 / I No. 10.2.7 PRED SR (2012-13)**	No.
19	D.O Bearing **P. No. 44 / I No. 10.2.7 PRED SR (2010-11)**	No.
20	Steel Bush **P. No.55 / I No. 10.2.9 PRED SR (2012-13)**	No.
21	Allen Screw **P. No.44 / I No. 10.2.9 RDPR SR (2010-11)**	No.
22	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) **P. No. 55 / I No. 10.2.11 PRED SR (2012-13)**	No.
23	Pump Key (Stainless Steel) **P. No. 45 / I No. 10.2.11 RDED SR (2010-11)**	No.
24	Pump Couping (Stainless Steel) **P. No. 44 / I No. 10.2.12 RDED SR (2010-11)**	No.
25	Non – return valve (NRV) assembly complete with rubber 'O' Ring **P. No. 55 / I No. 10.2.14 PRED SR (2012-13)**	No.
26	Cable Guard **P. No. 55 / I No. 10.2.15 PRED SR (2012-13)**	No.
27	Strainer **P. No. 45 / I No. 10.2.15 RDED SR (2010-11)**	No.
28	Brass Filter **P. No. 55 / I No. 10.2.17 PRED SR (2012-13)**	No.
29	Labour Chargesw (Over Hauling Only) **P. No. 45 / I No. 10.2.18 PRED SR (2010-11)**	No.
30	Re-erection charges of pumping machineries including overhauling and pointing **P. No. 56 / I No. 10.3.20 PRED SR (2012-13)**	Each
31	Lock Ring **P. No. 45 / I No. 10.3.11 PREC SR (2010-11)**	Each
32	a) Carbon Housing **P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)**	Each
33	Top Carbon/Ferrodo padding **P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)**	Each
34	Stud and Nuts **P. No. 45 / I No. 10.3.15 PRED SR (2010-11)**	Each
35	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush **P. No. 46 / I No. 10.3.16 APRDED SR (2010-11)**	Each
36	Circillps **P. No. 45 / I No. 10.3.17 PREC SR (2010-11)**	Each

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	35	889.00	31115.00	35.00	31115.00	
-	-	35	941.00	32935.00	35.00	32935.00	
-	-	35	575.00	20125.00	35.00	20125.00	
-	-	10	5007.00	50070.00	10.00	50070.00	
-	-	25	5465.00	136625.00	25.00	136625.00	
-	-	35	5282.00	184870.00	35.00	184870.00	
-	-	35	4916.00	172060.00	35.00	172060.00	
-	-	850	679.00	577150.00	850.00	577150.00	
-	-	35	470.00	16450.00	35.00	16450.00	
-	-	35	366.00	12810.00	35.00	12810.00	
-	-	35	679.00	23765.00	35.00	23765.00	
-	-	35	496.00	17360.00	35.00	17360.00	
-	-	35	1202.00	42070.00	35.00	42070.00	
-	-	35	130.00	4550.00	35.00	4550.00	
-	-	35	156.00	5460.00	35.00	5460.00	
-	-	700	183.00	128100.00	700.00	128100.00	
-	-	80	444.00	35520.00	80.00	35520.00	
-	-	35	465.00	16275.00	35.00	16275.00	
-	-	35	261.00	9135.00	35.00	9135.00	
-	-	700	156.00	109200.00	700.00	109200.00	
-	-	150	26.00	3900.00	150.00	3900.00	
-	-	35	993.00	34755.00	35.00	34755.00	
-	-	35	130.00	4550.00	35.00	4550.00	
-	-	35	261.00	9135.00	35.00	9135.00	
-	-	35	1412.00	49420.00	35.00	49420.00	
-	-	35	156.00	5460.00	35.00	5460.00	
-	-	35	156.00	5460.00	35.00	5460.00	
-	-	35	261.00	9135.00	35.00	9135.00	
-	-	35	470.00	16450.00	35.00	16450.00	
-	-	35	993.00	34755.00	35.00	34755.00	
-	-	40	78.00	3120.00	40.00	3120.00	
-	-	35	470.00	16450.00	35.00	16450.00	
-	-	35	78.00	2730.00	35.00	2730.00	
-	-	150	52.00	7800.00	150.00	7800.00	
-	-	35	392.00	13720.00	35.00	13720.00	
-	-	100	52.00	5200.00	100.00	5200.00	

37	Motor Base With Pin **P. No. 46 / I No. 10.3.18 ARDED SR (2010-11)**	Each
38	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage. **SE RDED Approved Rate PWD SR 2013-14 P. XXXXIII Sl No. 33 Kirloskar Pumps including of all taxes**	No
39	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.
40	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm
41	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) **4 Sqm mm of 56 strands 0.3mm dia Group - A KPWD Electrical SR 2010-11**	Mtr
42	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR 13-14, P.NO.XXIV, Sl.no, 673)	No's
43	Providing and fixing of 50mm GI bend to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's
44	Providing and fixing of 50mm GI Nipple to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's
45	Providing and fixing of 50mm GI union to the motor ((PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's
46	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.4, PWD SR 13-14)	Cum
47	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P.NO - 102, I.NO - 13.73.1, PWD SR 13-14)	Mtr
48	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 13-14)	Cum
49	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) **50mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 **P. 97 / I.13.37 PWD SR - 2012-13**	Each
	Total Amount	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

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Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

-	-	**35**	470.00	16450.00	35.00	16450.00	
-	-	2	79016.00	158032.00	2.00	158032.00	
-	-	2	15480.00	30960.00	2.00	30960.00	
-	-	44000.00	0.35	15400.00	44000.00	15400.00	
-	-	800.00	193.00	154400.00	800.00	154400.00	
-	-	75.00	1774.00	133050.00	75.00	133050.00	
-	-	105.00	242.00	25410.00	105.00	25410.00	
-	-	120.00	115.00	13800.00	120.00	13800.00	
-	-	120.00	248.00	29760.00	120.00	29760.00	
-	-	472.50	233.00	110092.50	472.50	110092.50	
-	-	1400.00	369.00	516600.00	1400.00	516600.00	
-	-	472.50	62.00	29295.00	472.50	29295.00	
		32	1655.00	52960.00	32.00	52960.00	
				3133894.50		**3133894.50**	